

#### CERTIFICATE OF MAILING

#### Information Disclosure Statement

Application Number	10/607,434	
Filing Date	06/25/2003	
First Inventor	Mark P. Anstadt	
Examiner Name		
Art Unit		
Docket Number	MPA-554	

DATE OF DEPOSIT: 11/3/03

TITLE OF CASE:

Sensor-Equipped And Algorithm-Controlled Direct Mechanical Ventricular Assist Device

The following documents are enclosed:

Certificate of Mailing (1 page)
Statement of Date of IDS (1 page)
IDS (5 pages)
Copy of references cited (924 pages)
Return Postcard

The above named documents are being deposited with the United States Postal Service, using First Class Mail service, on the date indicated above, and is addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

The Director is authorized to charge any additional fee(s) as needed during the pendency of this application to deposit account 50-2753.

Howard J. Greenwald P.C. 349 West Commercial Street, Suite 2490 East Rochester, NY 14445 (585) 387-0285

Signature of Mailer:	ton Mammond
	Howard Y. Greenwald, Esq (Reg. No. 24,247)
	John M. Hammond (Reg. No. 52,986)
J	Peter J. Mikesell (Reg. No. 54,311)
•	Other

# NOV 0 5 2003

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

11. 10 app.10m11011 01	
USSN 10/607,434	DOCKET MPA-554
GROUP NO.	CONFIRMATION NO.
FILED 06/25/2003	EXAMINER
TITLE Sensor-Equipped And Algorithm-Controlled Direct Mechanical Ventricular Assist Device	

## TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. section 1.97(b))

#### IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

1) The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 1.97(b).

or

2) The Information Disclosure Statement submitted herewith contains information

that was cited in a communication from a for application not more than three months price Statement. 37 C.F.R. section 1.97(e)(1).	oreign patent office in a counterpart foreign or to the filing of the Information Disclosure
Date	Signature January Hammond  Name John M. Hammond
	Reg. No. <u>52,986</u>
	Howard J. Greenwald P.C. 349 W. Commercial Street, Suite 2490 East Rochester, NY 14445 Customer Number 37282 Telephone (585) 387-0285

PTO/SB/08A (04-03)

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Sheet 1

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known				
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Art Unit				
Examiner Name				
Attorney Docket Number	MPA-554			

	-		U. S. PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number Publication D MM-DD-YYY Number-Kind Code <sup>2 (f known)</sup>		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
		<sup>US-</sup> 6,238,334	05-29-2001	Easterbrook et al.		
<del></del>		<sup>US-</sup> 6,206,820	03-27-2001	Kazi et al.		
		<sup>US-</sup> 5,749,839	05-12-1998	Kovacs		
		<sup>US-</sup> 5,738,627	04-14-1998	Kovacs et al.		
		<sup>US-</sup> 5,716,379	02-10-1998	Bourgeois et al.		
-		<sup>US-</sup> 5,713,954	02-03-1998	Rosenberg et al.		
		<sup>US-</sup> 5,697,952	12-16-1997	Francischelli et al.		
		<sup>US-</sup> 5,697,884	12-16-1997	Francischelli et al.		
		<sup>US-</sup> 5,658,237	08-19-1997	Francischelli		
		<sup>US-</sup> 5,562,595	10-08-1996	Neisz		
		<sup>US-</sup> 5,558,617	09-24-1996	Heilman et al.		
		<sup>US-</sup> 5,496,353	03-05-1996	Grandjean et al.		
		<sup>US-</sup> 5,429,584	07-04-1995	Chiu		
		<sup>US-</sup> 5,383,840	01-24-1995	Heilman et al.		
		us- 5,364,337	11-15-1994	Guiraudon et al.		
		<sup>US-</sup> 5,273,518	12-28-1993	Lee et al.		
		<sup>US-</sup> 5,256,132	10-26-1993	Snyders		
		<sup>US-</sup> 5,169,381	12-08-1992	Snyders		
		<sup>US-</sup> 5,131,905	07-21-1992	Grooters		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ°

Examiner	Date	'
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First Named Inventor	Mark P. Anstadt		
Art Unit			
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Attorney Docket Number	MPA-554		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2 (f known)</sup>			1 igures 7 ippeur
	<u> </u>	<sup>US-</sup> 5,119,804	06-09-1992	Anstadt	
		<sup>US-</sup> 5,098,442	03-24-1992	Grandjean	
		<sup>US-</sup> 5,098,369	03-24-1992	Heilman et al.	
		<sup>US-</sup> 4,979,936	12-25-1990	Stephenson et al.	
		<sup>US-</sup> 4,690,134	09-01-1987	Snyders	
		<sup>US-</sup> 4,621,617	11-11-1986	Sharma	
		<sup>US-</sup> 4,536,893	08-27-1985	Parravicini	
		<sup>US-</sup> 4,448,190	05-15-1984	Freeman	
		<sup>US-</sup> 4,048,990	09-20-1977	Goetz	
		<sup>US-</sup> 3,674,381	07-04-1972	Schiff	
		<sup>US-</sup> 3,613,672	10-19-1971	Schiff	
		<sup>US-</sup> 3,590,815	07-06-1971	Schiff	
		<sup>US-</sup> 3,587,567	06-28-1971	Schiff	
		<sup>US-</sup> 3,513,836	05-26-1970	Sausse	
		US- 3,478,737	11-18-1969	Rassman	
		<sup>US-</sup> 3,455,298	07-15-1969	Anstadt	
		<sup>US-</sup> 3,376,863	04-09-1968	Kolobow et al.	
		<sup>US-</sup> 3,371,662	03-05-1968	Heid et al.	
		<sup>US-</sup> 3,279,464	10-18-1966	Kline	

FOREIGN PATENT DOCUMENTS						
Examiner Cite Initials* No.1		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	٢
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Examiner	Date	
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Sheet 3

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First Named Inventor	Mark P. Anstadt	
Art Unit		
Examiner Name		
Attorney Docket Number	MPA-554	

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		US- 3,233,607	02-08-1966	Bolie	
	<del> </del>	<sup>US-</sup> 3,053,249	09-11-1962	Smith	
		US- 3,034,501	05-15-1962	Hewson	
		<sup>US-</sup> 2,826,193	03-11-1958	Vineberg	
		<sup>US-</sup> 5,800,334	09-01-1998	Wilk	
	1	<sup>US-</sup> 5,971,911	10-26-1999	Wilk	
		<sup>US-</sup> 6,059,750	05-09-2000	Fogarty et al.	
		<sup>US-</sup> 6,076,013	06-13-2000	Brennan et al.	
		<sup>US-</sup> 6,110,098	08-29-2000	Renirie et al.	
		<sup>US-</sup> 6,251,061	06-26-2001	Hastings et al.	
		<sup>US-</sup> 6,408,205	06-18-2002	Renirie et al.	
		<sup>US-</sup> 6,432,039	08-13-2002	Wardle	
		<sup>US-</sup> 6,464,655	10-15-2002	Shahinpoor	
		<sup>US-</sup> 6,508,756	01-21-2003	Kung et al.	
		<sup>US-</sup> 6,626,821	09-30-2003	Kung et al.	
		<sup>US-</sup> 5,919,209	07-06-1999	Schouten	
		<sup>US-</sup> 6,044,298	03-28-2000	Salo et al.	
		<sup>US-</sup> 5,876,345	03-02-1999	Eaton et al.	
		<sup>US-</sup> 5,089,017	02-18-1992	Young et al.	

		FORE	<b>GN PATENT DOCU</b>	MENTS	· · · · · · · · · · · · · · · · · · ·	
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Sheet 4

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			U. S. PATEN	DOCUMENTS	
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		US- 5,330,505	07-19-1994	Cohen	
		<sup>US-</sup> 6,309,380	10-30-2001	Larson et al.	
•		<sup>US-</sup> 6,183,412	02-06-2001	Benkowski et al.	
		<sup>US-</sup> 6,132,363	10-17-2000	Freed et al.	
		<sup>US-</sup> 6,123,726	09-26-2000	Mori et al.	
		<sup>US-</sup> 5,910,124	06-08-1999	Rubin	
		<sup>US-</sup> 6,042,532	03-28-2000	Freed et al.	
		<sup>US-</sup> 5,980,571	11-09-1999	Nomura et al.	
		<sup>US-</sup> 5,156,154	10-20-1992	Valenta Jr. et al.	
		<sup>US-</sup> 4,957,477	09-18-1990	Lundback	
		<sup>US-</sup> 4,662,358	05-05-1987	Farrar et al.	
		<sup>US-</sup> 4,192,293	03-11-1980	Asrican	
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		FORE	IGN PATENT DOCU	MENTS	·	
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INF	ORMATION	DIS	CLOSURE	Filing Date	06/25/2003			
STA	STATEMENT BY APPLICANT			First Named Inventor	Mark P. Anstadt			
	// to a company about	-4		Art Unit				
	(Use as many she	ets as n	ecessary)	Examiner Name				
Sheet	5	of	5	Attorney Docket Number	MPA-554			

		NON PATENT LITERATURE DOCUMENTS	
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		Author: VICTOR L. POIRIER, Title: The LVAD: A Case Study, Source: Bridge Archives, Published in: The Bridge, Volume 27, Number 4 - Winter 1997, Publication of: National Academy of Engineering of the National Academies, Taken from website: http://www.nae.edu/nae/naehome.nsf/weblinks/NAEW-4NHM83?opendocument	
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